

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 48 (11/22/2020- 11/28/2020)

COCONINO COUNTY
December 4, 2020



Situation Summary

MMWR Week 48 (11/22/2020-11/28/2020)

A total of 7,466 confirmed COVID-19 cases have been reported among Coconino County residents through week 48.

Deaths: 168 (2% of cases)

Probable Deaths: 5

Recovered Cases: 5,298

(71% of cases)

Hospitalizations: 773

(10% of cases)

Cases Reported Week 47 (November 22 - November 28, 2020):

403
Confirmed
Cases

2,914
Negative
Cases

280.9
Rate per
100,000

9.0%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 280.9 per 100,000**, **percent positivity of 9.0%***, and **COVID-19-Like-Illness incidence (CLI) of 12.1%****.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**Percent positivity was calculated using only ELR data due to insufficient reporting.*

***Incidence rate and percent positivity data are from week 48 (CLI data from week 47 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations*

COVID-19 Situation Summary*

Cumulative Counts (March 15, 2020- November 28, 2020):

7,466
Confirmed
Cases

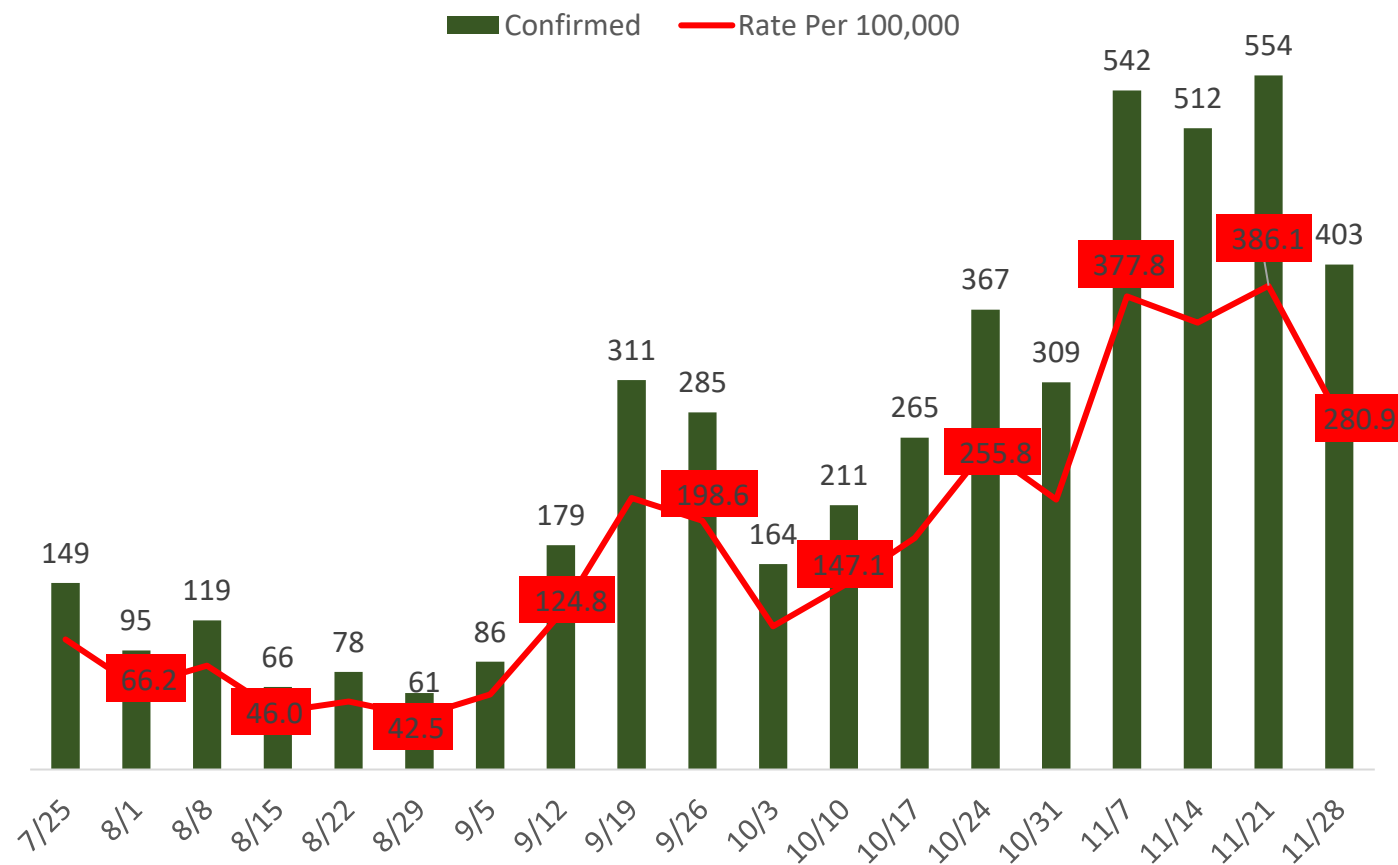
64,699
Negative
Tests

72,165
Total Tests
Resulted

10.3%
Positivity
Yield

5,203.7 cases per 100,000 Coconino County Residents
vs.
4,743.1 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-11/28/20

COVID-19 Situation Summary*

Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	1,488	11,985	9.5%	29,640.9	3,680.1
20-44 years	3,772	34,889	8.2%	65,042.9	7,032.1
45-54 years	846	8,515	8.3%	59,775.4	5,938.9
55-64 years	732	8,442	7.1%	50,944.4	4,417.4
65+ years	628	8,307	6.1%	44,694.9	3,378.9

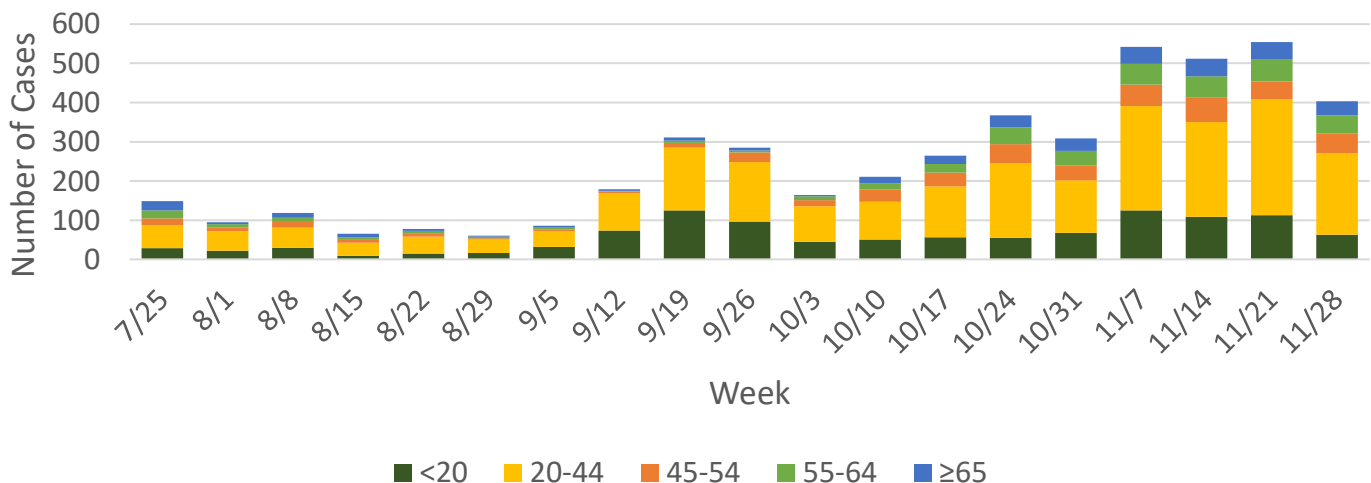
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 48 was observed among residents aged 20-44 an incidence of 387.8 per 100,000.
- The highest **positivity yield** for week 48 was observed among residents aged 45-54, with a positivity yield of 10.2%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 46% higher than that of 65+ years).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-11/28/20

Location:

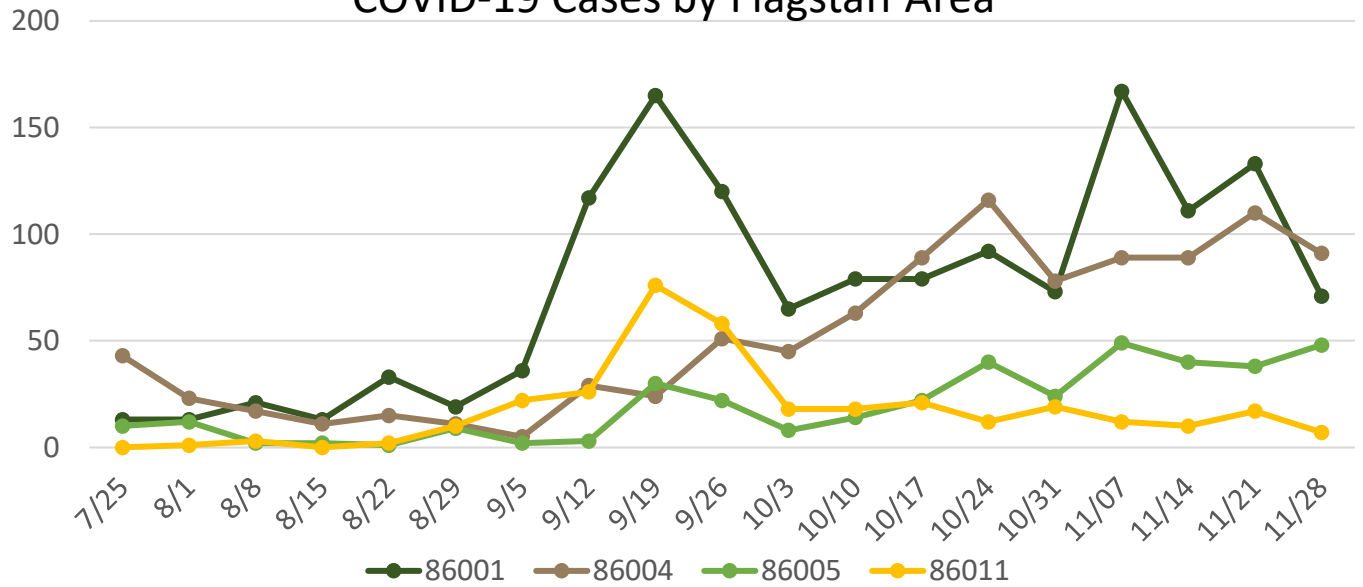
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	4,361	53,014	6.5%	56,971.8	4,686.6
Page	555	3,904	14.7%	51,729.2	7,353.9
Tribal Communities	2,130	10,638	12.9%	41,725.8	8,354.6
Williams	161	1,894	6.5%	35,966.6	3,057.3
Grand Canyon	80	795	8.8%	31,992.0	3,219.3
Other Areas	179	1,870	5.7%	19,418.5	1,858.8



Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86005 with a 21% increase.
- The highest **decrease of cases** in Other Areas from the previous week was observed in Tribal Areas with a 28% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

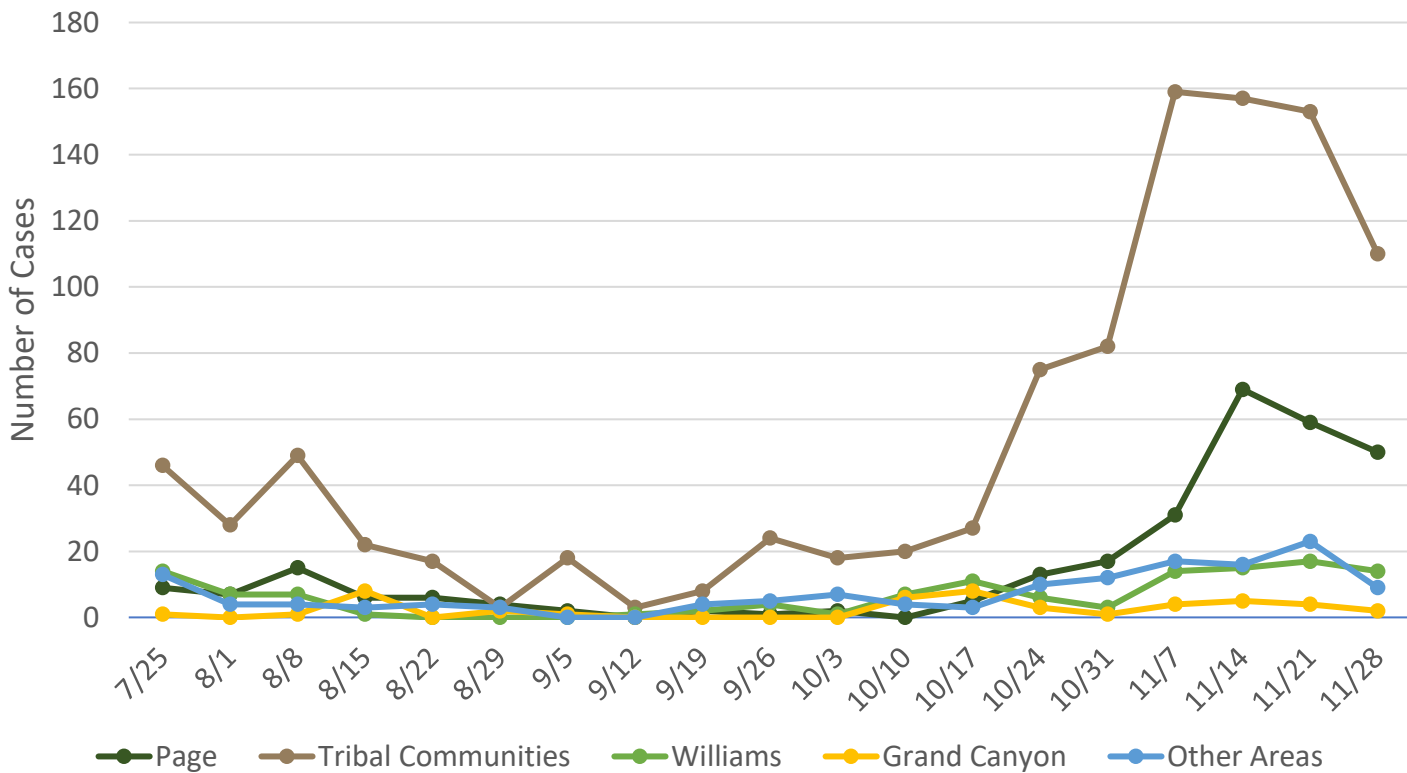


*Cases reported from 3/15/20-11/28/20

COVID-19 Situation Summary*

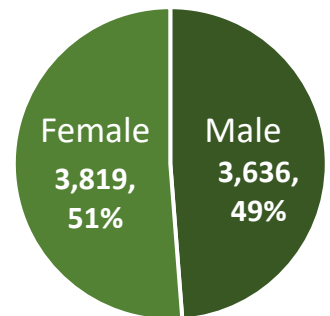
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	3,819	39,226	7.5%	5,271.9
Male	3,636	32,644	8.1%	5,118.5

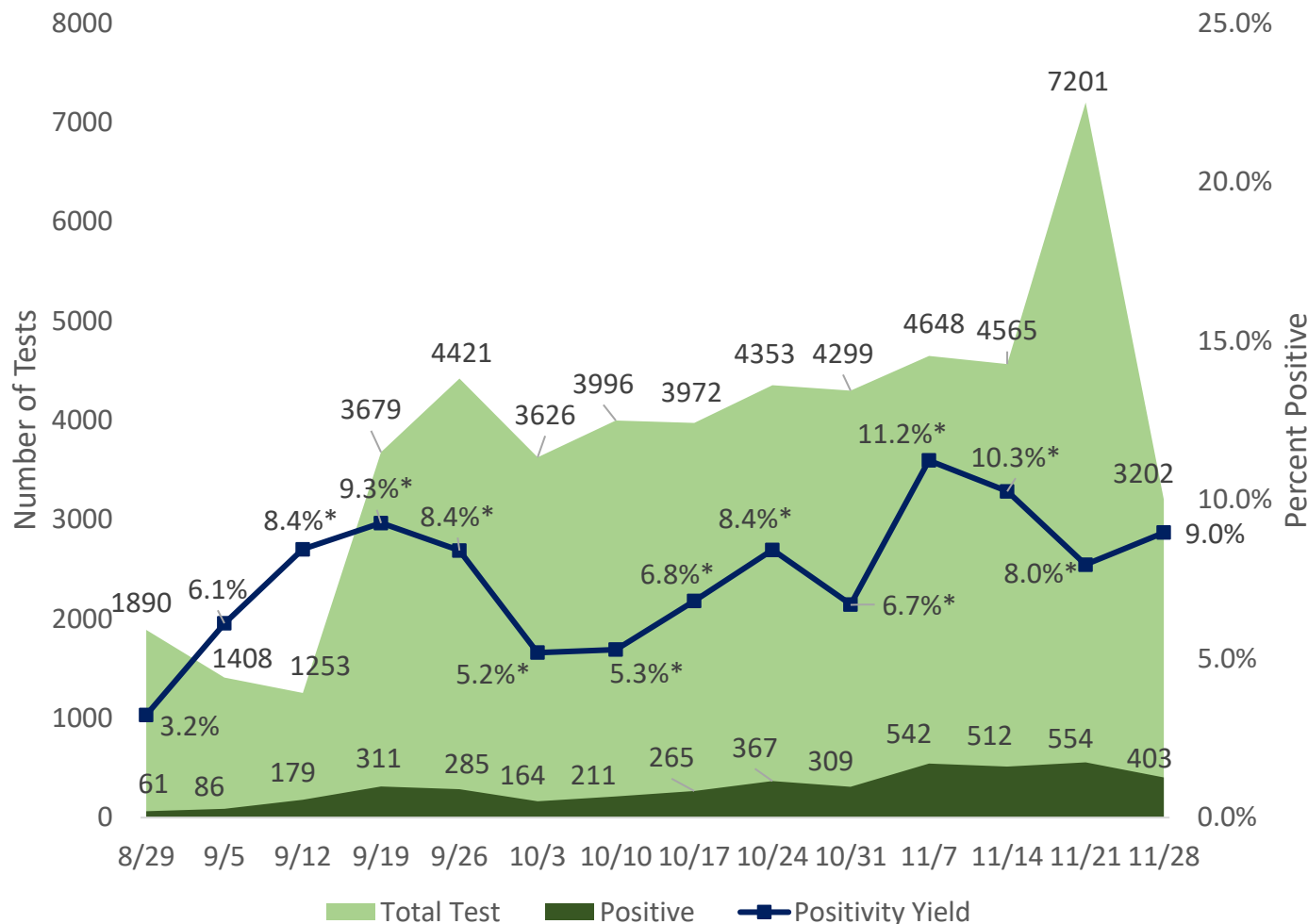


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 20% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **72,312** specimens.

Fort Tuthill: 34,716	CCHHS: 1,308	CCC: 212	NAU: 34,078
Fredonia: 41	Grand Canyon: 209	Williams: 672	Other: 1,076

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 3,820**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 71 (As of 11/28/2020)**
- **Total individuals monitored to date: 3,472**

*Cases reported from 3/15/20-11/28/20

Hospitalizations

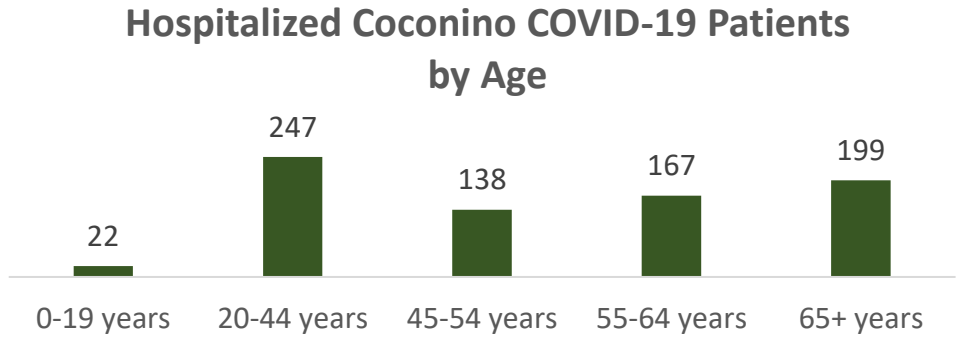
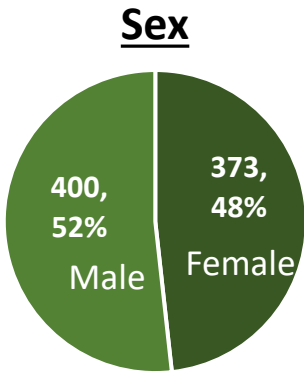
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of Cases
10%

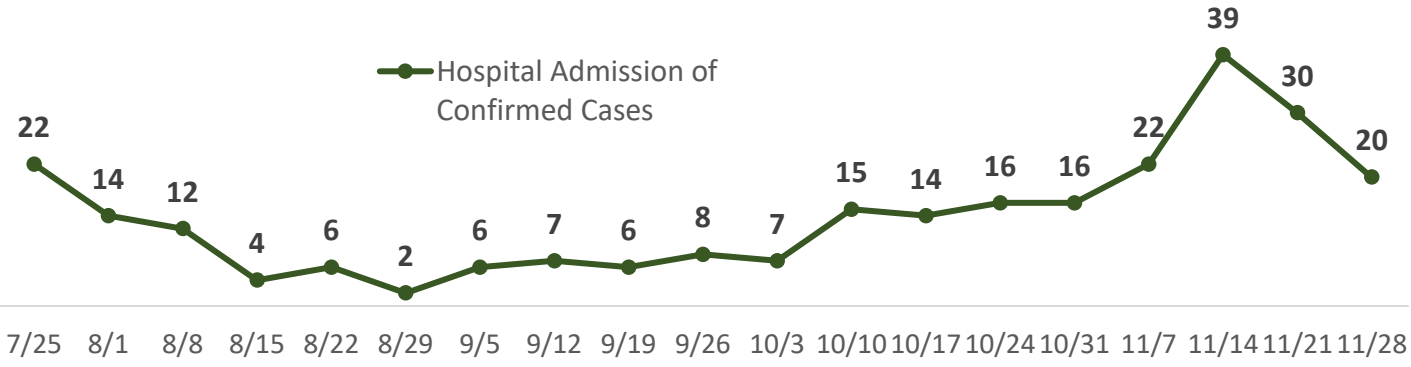
Hospitalized
773

Hospitalizations Per 100,000
538.8

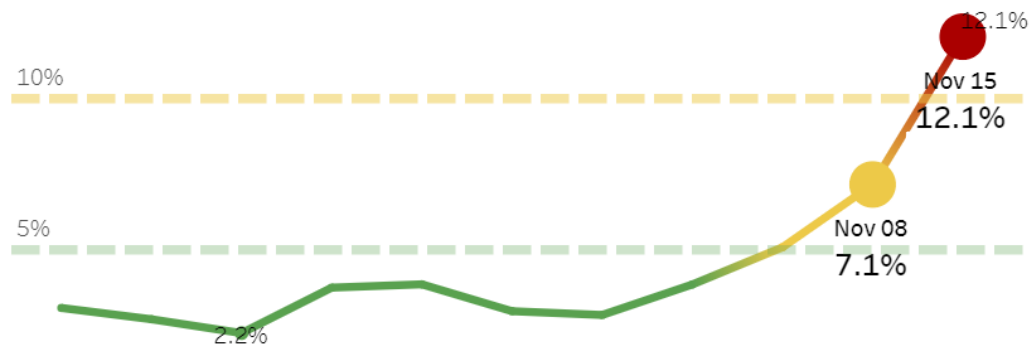
19% of hospitalized residents were in the ICU and 9% were intubated.



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



COVID-19 Situation Summary*

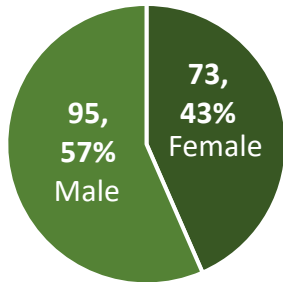
COVID-19 Related Deaths:

Percentage of
Cases
2%

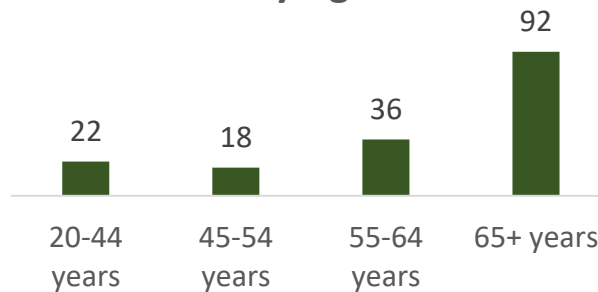
Deaths
168

Fatalities
Per 100,000
117.1

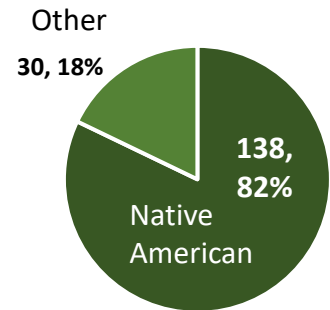
Sex



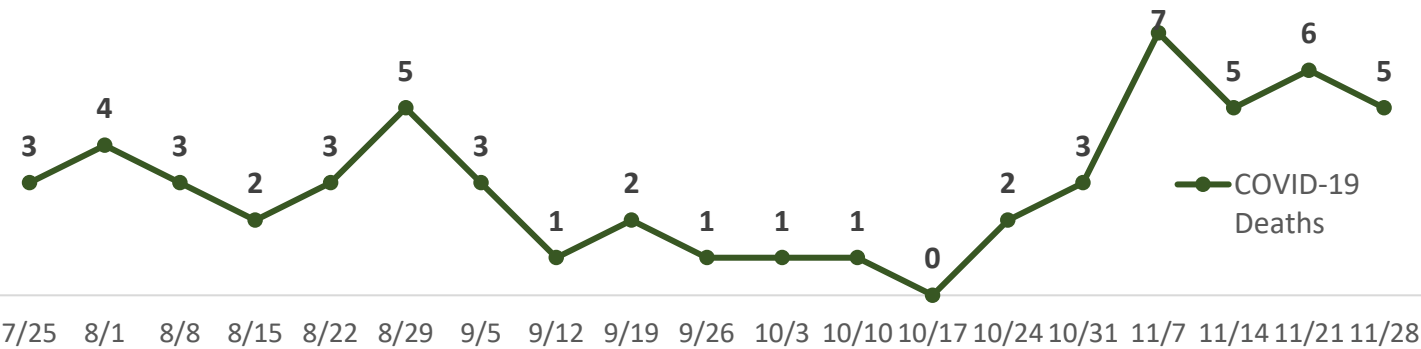
Coconino COVID-19 Deaths by Age



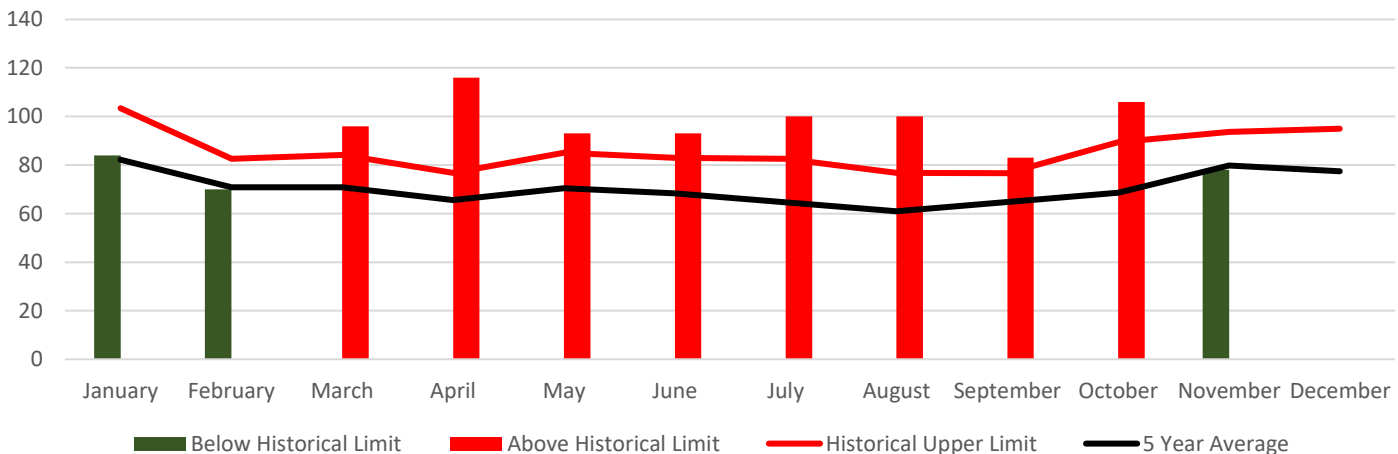
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-11/28/20